

L5 ANSWER 13 OF 17 CAPLUS COPYRIGHT 2007 ACS on STN
 AB Derivs. retarding the peripheric effects of epinephrine and (or) norepinephrine and acting on the orthosympathetic nervous system were prepared 1-[γ -(4-Fluorobenzoyl)propyl]-4-methoxycarbonylamino-4-phenylpiperidine, m. 136.6-42° (iso-Pr2O), was obtained by refluxing for 24 hrs. 3.2 g. γ -chloro-4-fluorobutyrophenone, 4 g. 4-methoxycarbonylamino-4-phenylpiperidine, 3.7 g. Na2CO3, and 0.1 g. KI in 120 g. 4-methyl-2-pentanone, and treating the filtrate with active C. These were similarly prepared: 1-[γ -(4-fluorobenzoyl)propyl]-4-acetamido-4-phenylpiperidine, m. 194.6-6°, and the corresponding 4-ethoxycarbonylamino analog, m. 99.6-102.4°, 4-(1-ethoxycarbonylaminoethyl) analog HCl salt, m. 83.8-91° (C6H6), 4-methoxycarbonylaminoethyl analog HCl salt, m. 116-95° (decomposition), 4-ethoxycarbonylaminoethyl analog HCl salt, m. 81-106° (decomposition), and MeI salt, m. 208.6-9.2°, 4-propoxycarbonylaminoethyl analog HCl salt, m. 51-67° (decomposition), 4-isopropoxycarbonylaminoethyl analog HCl salt, m. 75-83° (decomposition), 4-propionamidomethyl analog HCl salt, m. 123.6-39°, 4-formamidomethyl analog, m. 94.56° (Et2O), 4-acetamidomethyl analog, m. 97-100°, 4-(N-methylacetamidomethyl) analog, m. 127-30°; 1-[γ -(4-fluorobenzoyl)propyl]-4-ethoxycarbonylamino-4-(4-fluorophenyl)piperidine HCl salt, m. 130-71° (decomposition); 1-[γ -(4-fluorobenzoyl)propyl]-4-acetamidoethyl-4-(4-tolyl)piperidine, m. 116.6-18.4°; 1-[γ -(4-fluorobenzoyl)propyl]-4-acetamidomethyl-4-(4-fluorophenyl)piperidine, m. 99-100°, and the corresponding 4-(3-tolyl)piperidine analog, m. 94-100°, 1-[γ -(4-fluorobenzoyl)propyl]-4-ethoxycarbonylaminoethyl-4-(3-tolyl)piperidine HCl salt, m. 141.5-4°, and the corresponding (4-tolyl) analog HCl salt, m. 130.33.2°; 1-[γ -(4-chlorobenzoyl)propyl]-4-acetamidomethyl-4-phenylpiperidine, m. 126-7°, and the corresponding 4-ethoxycarbonylaminoethyl analog HCl salt, m. 78-83° (decomposition); 1-[γ -(2-thenoyl)propyl]-4-acetamidomethyl-4-phenylpiperidine, m. 156-7° (C6H6), and the corresponding 4-methoxycarbonylamino analog, m. 158.8-60°, 4-ethoxycarbonylaminoethyl analog oxalate, m. 150-3°; 1-(γ -benzoylpropyl)-4-acetamidomethyl-4-phenylpiperidine, m. 151.5-2.5°, and the corresponding 4-ethoxycarbonylaminoethyl analog oxalate, m. 152-6°; 1-(β -benzoylethyl)-4-ethoxycarbonylaminoethyl-4-phenylpiperidine HCl salt, m. 175-6.5°, and the corresponding 4-acetamidomethyl derivative, m. 79-83°; 1-(δ -benzoylbutyl)-4-acetamidomethyl-4-phenylpiperidine m. 95-9°; 1-[γ -(4-methoxybenzoyl)propyl]-4-ethoxycarbonylaminoethyl-4-phenylpiperidine HCl salt, m. 62-81° (decomposition), and the corresponding 4-acetamidomethyl derivative, m. 116-19.2°.

AN 1962:66864 CAPLUS

DN 56:66864

OREF 56:12861i,12862a-f

TI Alkoxyamino and alkoxy carbonylamino derivatives of 1(aroalkyl)-4-aryl piperidines

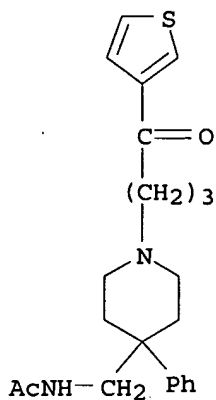
IN Janssen, Paul A. J.

DT Patent

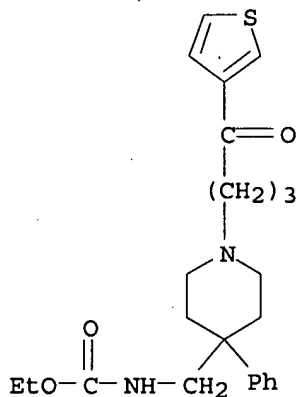
LA Unavailable

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	BE 606849		19610802	BE	
	GB 917078			GB	

US 3083205 19630326 US 1961-116684 19610613 <--
 PRAI GB 19600803
 IT 95129-63-8, Acetamide, N-[[4-phenyl-1-[3-(2-thenoyl)propyl]-4-piperidyl]methyl]- 95434-38-1, Carbamic acid, [[4-phenyl-1-[3-(2-thenoyl)propyl]-4-piperidyl]methyl]-, ethyl ester 856619-58-4, Carbamic acid, [[4-phenyl-1-[3-(2-thenoyl)propyl]-4-piperidyl]methyl]-, ethyl ester, oxalate (preparation of)
 RN 95129-63-8 CAPLUS
 CN Acetamide, N-[[4-phenyl-1-[3-(2-thenoyl)propyl]-4-piperidyl]methyl]- (7CI) (CA INDEX NAME)



RN 95434-38-1 CAPLUS
 CN Carbamic acid, [[4-phenyl-1-[3-(2-thenoyl)propyl]-4-piperidyl]methyl]-, ethyl ester (7CI) (CA INDEX NAME)

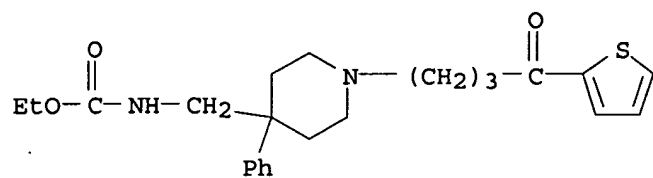


RN 856619-58-4 CAPLUS
 CN Carbamic acid, [[4-phenyl-1-[3-(2-thenoyl)propyl]-4-piperidyl]methyl]-, ethyl ester, oxalate (7CI) (CA INDEX NAME)

CM 1

CRN 856619-57-3

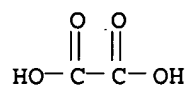
CMF C23 H30 N2 O3 S



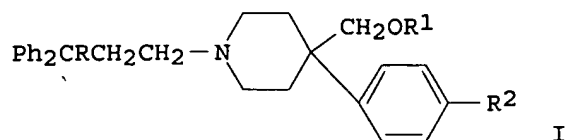
CM 2

CRN 144-62-7

CMF C2 H2 O4



L5 ANSWER 11 OF 17 CAPLUS COPYRIGHT 2007 ACS on STN
GI



AB Piperidinemethanol derivs. (I; R = Ph, 2-pyridinyl, 2-thienyl; R1 = H, Ac, Me; R2 = H, Cl), useful as diarrhea inhibitors, are prepared by standard methods. Thus, reaction of Ph3COH with CH2(CO2H)2 gives Ph3CCH2CO2H which is converted to Ph3CCH2COCl (II). Reaction of II with Et 4-phenyl-4-piperidinecarboxylate gives Et 4-phenyl-1-(3,3,3-triphenylpropionyl)-4-piperidinecarboxylate which on reduction with LiAlH4 gives I (R = Ph, R1 = R2 = H).

AN 1977:43574 CAPLUS

DN 86:43574

TI 1-(Triarylalkyl)-4-phenylpiperidine derivatives

IN Adelstein, Gilbert W.; Dajani, Esam Z.; Yen, Chung Hwai

PA G.D. Searle and Co., USA

SO Ger. Offen., 28 pp.

CODEN: GWXXBX

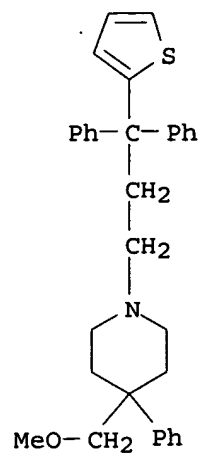
DT Patent

LA German

FAN. CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2616616	A1	19761028	DE 1976-2616616	19760415 <--
	US 3998832	A	19761221	US 1975-568439	19750416 <--
	ZA 7601681	A	19770427	ZA 1976-1681	19760318 <--
	NL 7603641	A	19761019	NL 1976-3641	19760407 <--
	DK 7601739	A	19761017	DK 1976-1739	19760414 <--
	DK 7601747	A	19761017	DK 1976-1747	19760414 <--
	NO 7601303	A	19761019	NO 1976-1303	19760414 <--
	NO 7601304	A	19761019	NO 1976-1304	19760414 <--
	ES 447010	A1	19771001	ES 1976-447010	19760414 <--
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	IL 49422	A	19790930	IL 1976-49422	19760414 <--
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	FI 7601042	A	19761017	FI 1976-1042	19760415 <--
	SE 7604475	A	19761017	SE 1976-4475	19760415 <--
	SE 7604476	A	19761017	SE 1976-4476	19760415 <--
	NL 7604063	A	19761019	NL 1976-4063	19760415 <--
	JP 51127054	A	19761105	JP 1976-43021	19760415 <--
	FR 2307535	A1	19761112	FR 1976-11236	19760415 <--
	FR 2307535	B1	19781117		
	JP 51131880	A	19761116	JP 1976-43020	19760415 <--
	ZA 7602292	A	19770525	ZA 1976-2292	19760415 <--
	AU 7613042	A	19771020	AU 1976-13042	19760415 <--

AU 502260	B2	19790719		
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FR 2307530	B1	19781117	FR 1976-11237	19760415 <--
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HU 173012	B	19790128	HU 1976-SE1827	19760415 <--
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CH 626879	A5	19811215	CH 1976-4853	19760415 <--
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US 4066654	A	19780103	US 1976-741589	19761115 <--
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CH 614448	A5	19791130	CH 1979-1753	19790222 <--
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CH 629191	A5	19820415	CH 1981-948	19810212 <--
PRAI US 1975-568439	A	19750416		
AT 1976-2789	A	19760415		
CH 1976-4852	A	19760415		
CH 1976-4853	A	19760415		
GB 1976-15542	A	19760415		
US 1976-733502	A	19761018		
US 1976-733503	A3	19761018		
OS MARPAT 86:43574				
IT 61532-48-7P				
RL: SPN (Synthetic preparation); PREP (Preparation)				
(preparation and diarrhea-inhibiting activity of)				
RN 61532-48-7 CAPLUS				
CN Piperidine, 1-[3,3-diphenyl-3-(2-thienyl)propyl]-4-(methoxymethyl)-4-phenyl-, ethanedioate (9CI) (CA INDEX NAME)				
CM 1				
CRN 61532-47-6				
CMF C32 H35 N O S				



CM 2

CRN 144-62-7

CMF C2 H2 O4

